

19th October 1927]

The hon. Diwan Bahadur R. N. AROGYASWAMI MUDALIYAR :—“As a matter of fact, there is no work progressing at present. On account of the monsoon, as stated in the answer, the work has been stopped.”

Mr. J. A. SALDANHA :—“The monsoon is over just now”

The hon. the PRESIDENT :—“The hon. Member is requested to put his supplementary question.”

Mr. J. A. SALDANHA :—“As the monsoon is over, will he immediately make further investigation on the lines proposed by the authorities ?”

The hon. Diwan Bahadur R. N. AROGYASWAMI MUDALIYAR :—“I shall have an occasion of deciding it very soon, Sir.”

Industries

Work done by the Industrial Engineer.

* 661 Q.—Mr. BASHEAR AHMAD SAYEED: Will the hon. the Minister for Development be pleased—

(a) to place on the table a copy of the application submitted by the Industrial Engineer in applying for a post in the Industries Department in 1920 ;

(b) to place on the table copies of his certificates indicating the names of the firms and the period of time during which the Industrial Engineer was actively engaged in the running of steam (not locomotive) Diesel and Gas engines and in the working of hand and power drills before he entered the department ;

(c) to furnish a list of the number of industrial concerns promoted by him since he entered the department ;

(d) to furnish a list of scientific equipments especially made by him in the workshop in connexion with his special work ; and

(e) to furnish a list of original research work for industrial application undertaken and successfully completed by him in the last five years ?

A.—(a) & (b) An officer's application and copies of certificates accompanying it are not intended for publication. The qualifications of the officer have already been described in the answer to question No. 820 given on 31st March 1927. The present Industrial Engineer has had about five years' practical training in mechanical engineering in a railway workshop in England. The Industrial Engineer had no drilling experience before he entered the department but he has since specialized in it.

(c) & (d) It is not the function of the Industrial Engineer to promote industrial concerns and to manufacture scientific equipment.

(e) Along with his other work connected with pumping and boring operations, maintenance of power installations and industrial machinery already at work and the erection of new installations, the Industrial Engineer has recently made some attempts

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to carry out experimental mechanical research work of which the following instances may be cited :—

- (1) Experiments on power-driven wooden chekkus.
- (2) Experiments for devising an improved method of drying warps on wooden hand-sizing machine.
- (3) Improved mechanism for working a drop-box slay.
(These three have been successfully completed.)
- (4) Experiments with groundnut decorticators.
- (5) Experiments on the critical velocity of water bearing sand.
- (6) Experiments to obviate the need for costly counter-shafts to reduce suction lift of pumps employed in deep wells.
- (7) Experiments on magnesite calcining furnaces.

Mr. BASHEER AHMAD SAYEED :—“ With reference to the answer to clauses (c) and (d), may I know from the hon. the Minister for Development whether it is the function of the Director of Industries to promote industrial concerns in this Presidency ? ”

The hon. Mr. A. RANGANATHA MUDALIYAR :—“ I have answered it, Sir.”

Mr. BASHEER AHMAD SAYEED :—“ The answer to clauses (c) and (d) says, ‘ It is not the function of the Industrial Engineer to promote industrial concerns.’ May I know from the hon. the Minister for Development whether it is the function of the Director of Industries ? ”

The hon. Mr. A. RANGANATHA MUDALIYAR :—“ The answer refers to the Industrial Engineer, and if he wants information about any other thing, I should like to have notice.”

Mr. BASHEER AHMAD SAYEED :—“ May I ask whether it is the function of the Director of Industries ? ”

The hon. the PRESIDENT :—“ The hon. Member requires notice.”

Mr. BASHEER AHMAD SAYEED :—“ May I know, if the function of the Industrial Engineer is not to promote industrial concerns, why he should be retained on such a high pay instead of having a superintendent for boring and pumping on a couple of hundred rupees ? ”

The hon. Mr. A. RANGANATHA MUDALIYAR :—“ For the work he is doing.”

Mr. BASHEER AHMAD SAYEED :—“ Does he propose to abolish the post of Industrial Engineer and substitute one superintendent for pumping and boring ? ”

The hon. Mr. A. RANGANATHA MUDALIYAR :—“ No, Sir.”

Qualifications of the Industrial Engineer.

* 662 Q.—**Mr. BASHEER AHMAD SAYEED :** Will the hon. the Minister for Development be pleased to state—

(a) whether it is a fact that the Industrial Engineer in the Department of Industries was a student of Civil Engineering in the University of Durham and that he obtained his B Sc. Degree in Civil Engineering alone ;